

TurboMill™ the first mass-clean energy product of its kind.



Windiana 2010

ENERGY DEMAND

Rising demand for power
IEA predicts world energy demands
will be 40% higher by 2030.



DEMAND FOR INNOVATION

"No amount of insulation will get us there, only innovating our way to essentially zero-carbon energy technology will do it."

BILL & MELINDA
GATES *foundation*

URGENCY=OPPORTUNITY

"Clean tech is the largest economic opportunity of the 21st century. The Internet is a \$1 trillion industry serving 1.2 billion people... while energy is a \$6 trillion industry serving four billion people."

-John Doerr



PROBLEM

“90% of all small-wind installations do not move forward due to installation and permitting issues.”

Ron Stimmel,

Legislative Affairs

American Wind Energy Association



CHALLENGE

Cost-effective wind energy for:

- Urban/municipal
- Rural
- Developing nations
- Highway

SOLUTION: De-centralized

TurboMills link together, add more units to increase power generation capability.

- Plug and play design
- Easy connection between units
- Power generation can scale as needed

MARKET DRIVERS

- Price performance (price / kWh)
- Ease of installation - no foundation, masts, or guide-wires... permitting
- Ability to scale on demand
- Distributed energy solution (point of need) provides power with little or no cost of transmission



EARLY TRACTION



U.S. DEPARTMENT OF
ENERGY



NOKIA



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